3749/23 L01 **SHCH/ 92.01.16**
EPOCHKINA YU A *RU 2044708-C1
01.16 92SU-5029214 *(95.09.27)* C03C 3/091, 4/02
compsn. for use mainly as facing-finishing material - ins oxide(s) of silicon, titanium, aluminium, iron, calcium, esium, sodium, potassium, molybdenum, tungsten, anese, boron and nickel.
-072248
Data: SHCHEPOCHKINA YU A

L(1-A1B, 1-A3B, 1-A5)

ompsn. contg. SiO2, TiO2, Al2O3, Fe2O3, CaO, MgO, Na2O, MoO3 and WO3, additionally contains MnO2, B2O3 and NiO. omponents are taken at ratio (in wt.%): SiO2 54.0-55.0, TiO2 6, Al2O3 9.0-10.4, FeO 1.1-2.4, FeO203 11.212.8, CaO 8.0-9.0 0.5-1.2, Na2O 0.5-1.2, K2O 0.5-1.0, MoO3 0.2-0.3, WO3 0.1- InO2 3.0-4.0, B2O3, 5.2-6.8 and NiO 0.5-1.1.

n silicate glass industry, as glass compsn. for use mainly as -finishing material.

ANTAGE
lass has increased microhardness.

EMBODIMENT
Test show that proposed glass has microhardness 875-9 kg/sq.compared to 793-854 kg/sq.mm. Glass has also increa resistance, is resistant to action of acidic and alkali solns., an increased strength.
(2pp2269DwgNo.0/0)

RU 20447